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Attorney Docket No.: 019927-001810US

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

On 6/29/04

TOWNSEND and TOWNSEND and CREW LLP

By: Illnus

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

WeiMin Zhang et al.

Application No.: 10/763,043

Filed: January 21, 2004

For: A DIGITAL IMPLEMENTATION

OF MULTI-CHANNEL DEMODULATORS

Customer No.: 20350

Confirmation No.

Examiner: TBD

Technology Center/Art Unit: 2631

PRELIMINARY AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the

following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 8 of this paper.